

L Number	Hits	Search Text	DB	Time stamp
-	20	(perpendicular or vertical) same head and preamplifier near5 circuit and different\$5 near5 circuit and data near5 channel and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 13: 19
-	13	(perpendicular or vertical) near5 (writ\$5 record\$5) same head and preamplifier near5 circuit and different\$5 near5 circuit and data near5 channel and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/06 15: 19
-	8	(perpendicular or vertical) near5 (writ\$5 record\$5) same head and preamplifier near5 circuit and differentiat\$5 near3 circuit and data near5 channel and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/06 15: 22
-	10	(perpendicular or vertical) near5 (writ\$5 record\$5) and head and preamplifier near5 circuit and differentiat\$5 near3 circuit and data near5 channel and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/06 15: 27
-	6	(perpendicular or vertical) near (writ\$5 record\$5) and head and preamplifier near5 circuit and differentiat\$5 near3 circuit and data near5 channel and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/06 15: 29
-	7	(perpendicular or vertical) near (writ\$5 record\$5) and head and (preamplif\$5 or preamp or pre adj amplif\$5) near5 circuit and differentiat\$5 near3 circuit and data near5 channel and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/06 15: 31
-	8	(perpendicular or vertical) near (writ\$5 record\$5) and head and (preamplif\$5 or preamp or pre adj amplif\$5) and differentiat\$5 near3 circuit and data near5 channel and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/06 15: 33
-	15	(perpendicular or vertical) near (writ\$5 record\$5) and head and (preamplif\$5 or preamp or pre adj amplif\$5) and differentiat\$5 near3 circuit and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/06 15: 52
-	16	(perpendicular or vertical) near (writ\$5 record\$5) and head and (preamplif\$5 or preamp or pre adj amplif\$5) and differentiat\$5 near3 circuit and (disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/06 15: 59
-	78	(perpendicular or vertical) near (writ\$5 record\$5) and head and (preamplif\$5 or preamp or pre adj amplif\$5) and (disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/06 16: 35
-	18	(perpendicular or vertical) near (writ\$5 record\$5) and head and (preamplif\$5 or preamp or pre adj amplif\$5) and (disk or disc) and differentiat\$5 NEAR5 CIRCUIT	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/06 16: 27
-	16	(perpendicular or vertical) near (writ\$5 record\$5) and head and (preamplif\$5 or preamp or pre adj amplif\$5) and (disk or disc) and (data or information) near channel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/06 16: 29
-	79	(perpendicular or vertical) near (writ\$5 record\$5) and (head or magneto near resistive or magnetoresistive or mr) and (preamplif\$5 or preamp or pre adj amplif\$5) and (disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/06 16: 37
-	14	(perpendicular or vertical) near (writ\$5 record\$5) and (head or magneto near resistive or magnetoresistive or mr) and (preamplif\$5 or preamp or pre adj amplif\$5) and (differentiat\$5 near3 circuit) and channel and (disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/06 16: 39

-	48	(perpendicular or vertical) near (writ\$5 record\$5) and (head or magneto near resistive or magnetoresistive or mr) and (preamplif\$5 or preamp or pre adj amplif\$5) and channel and (disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/06 16: 42
-	23	(perpendicular or vertical) near (writ\$5 record\$5) near10 magnetic and (head or magneto near resistive or magnetoresistive or mr) and (preamplif\$5 or preamp or pre adj amplif\$5) and channel and (disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/06 16: 49
-	24	(perpendicular or vertical) near5 (record\$5 or writ\$5) and (preamplifier or amplifier or pre near amplifier) near10 (reading or reproducing) and (differentiation or differentiating) near5 circuit and channel	USPAT	2003/09/08 07: 17
-	12	(perpendicular or vertical) near5 (record\$5 or writ\$5) and (preamplifier or amplifier or pre near amplifier) near10 (reading or reproducing) and (differentiation or differentiating) near5 circuit and channel and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 07: 23
-	30	(perpendicular or vertical) near5 (record\$5 or writ\$5) and (preamplifier or amplifier or pre near amplifier) and (differentiation or differentiating) near5 circuit and channel and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 07: 27
-	71	(perpendicular or vertical) near5 (record\$5 or writ\$5) and (preamplifier or amplifier or pre near amplifier) and (differentiation or differentiating or differentiate) near5 (circuit or element) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 07: 33
-	128	(perpendicular or vertical) near5 (record\$5 or writ\$5) and (preamplif\$5 or amplif\$5 or pre near amplif\$5) and (differentiating or differentiation or differentiate) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 07: 39
-	28	((perpendicular or vertical) near5 (record\$5 or writ\$5) and (preamplifier or amplifier or pre near amplifier) near10 (reading or reproducing) and 360/\$.ccls.) and ((perpendicular or vertical) near5 (record\$5 or writ\$5) and (preamplif\$5 or amplif\$5 or pre near amplif\$5) and (differentiating or differentiation or differentiate) and 360/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 07: 39
-	204	(perpendicular or vertical) near5 (record\$5 or writ\$5) and (preamplifier or amplifier or pre near amplifier) near10 (reading or reproducing) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 07: 51
-	7	(perpendicular or vertical) near5 (record\$5 or writ\$5) and (preamplifier or amplifier or pre near amplifier) near10 (reading or reproducing) and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 08: 13
-	3	(perpendicular or vertical) near5 (record\$5 or writ\$5) and (preamplifier or amplifier or pre near amplifier) near10 (reading or reproducing) and (differentiate or differentiating or differentiation) and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 07: 52
-	204	(perpendicular or vertical) near5 (record\$5 or writ\$5) and (preamplifier or amplifier or pre near amplifier) near10 (reading or reproducing) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 08: 17
-	28	(perpendicular or vertical) near5 (record\$5 or writ\$5) and (preamplifier or amplifier or pre near amplifier) near10 (reading or reproducing) and (differentiate or differentiating or differentiation) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 08: 42
-	5	(perpendicular or vertical) near (record\$5 or writ\$5) and (preamplifier or amplifier or pre near amplifier) near10 (reading or reproducing) and (differentiate or differentiating or differentiation) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 08: 43
-	40	(perpendicular or vertical) near5 (record\$5 or writ\$5) same magnetic and (preamplifier or amplifier or pre near amplifier) near10 (reading or reproducing) and (differentiate or differentiating or differentiation)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 08: 59

-	112	(perpendicular or vertical) near5 (record\$5 or writ\$5) same magnetic and (preamplifier or amplifier or pre near amplifier) near10 (reading or reproducing) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 09:05
-	0	360/46.ccls. and (perpendicular or vertical) near5 (record\$5 or writ\$5) near5 (megnetic\$5) and (amplif\$5 or preamplif\$5 or pre near amplif\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 09:08
-	0	360/\$.ccls. and (perpendicular or vertical) near5 (record\$5 or writ\$5) near5 (megnetic\$5) and (amplif\$5 or preamplif\$5 or pre near amplif\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 09:08
-	0	360/\$.ccls. and (perpendicular\$5 or vertical\$5) near5 (record\$5 or writ\$5) near5 (megnetic\$5) and (amplif\$5 or preamplif\$5 or pre near amplif\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 09:09
-	0	360/\$.ccls. and (perpendicular\$5 or vertical\$5) near5 (record\$5 or writ\$5) same (megnetic\$5) and (amplif\$5 or preamplif\$5 or pre near amplif\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 09:09
-	0	(perpendicular\$5 or vertical\$5) near5 (record\$5 or writ\$5) same (megnetic\$5) and (amplif\$5 or preamplif\$5 or pre near amplif\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 09:10
-	6	(perpendicular\$5 or vertical\$5) near5 (record\$5 or writ\$5) same (megnetic\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 09:11
-	11427	(perpendicular\$5 or vertical\$5) near5 (record\$5 or writ\$5) same (magnetic\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 09:12
-	1458	((perpendicular\$5 or vertical\$5) near5 (record\$5 or writ\$5) same (magnetic\$5)) and (preamplif\$5 or pre near amplif\$5 or amplif\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 09:13
-	446	((((perpendicular\$5 or vertical\$5) near5 (record\$5 or writ\$5) same (magnetic\$5)) and (preamplif\$5 or pre near amplif\$5 or amplif\$5)) and channel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 09:16
-	80	(((((perpendicular\$5 or vertical\$5) near5 (record\$5 or writ\$5) same (magnetic\$5)) and (preamplif\$5 or pre near amplif\$5 or amplif\$5)) and channel) and different\$8 near2 circuit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 10:19
-	531	different\$8 near2 circuit same (amplifier or preamplifier or pre near amplifier) same signal and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 10:22
-	96	different\$8 near2 circuit same (amplifier or preamplifier or pre near amplifier) same signal and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 10:24
-	5	different\$8 near2 circuit same (amplifier or preamplifier or pre near amplifier) same signal and (perpendicular or vertical) near4 (record\$5 or writ\$5) and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 10:30
-	96	different\$8 near2 circuit same (amplifier or preamplifier or pre near amplifier) same signal and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 10:33

-	54	different\$8 near2 circuit same (amplifier or preamplifier or pre near amplifier) same signal and channel and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 11:26
-	7	different\$8 near2 circuit same (amplifier or preamplifier or pre near amplifier) same (differentiat\$5) near10 output near5 signal and channel and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 11:44
-	6	different\$8 near2 circuit same (amplifier or preamplifier or pre near amplifier) same (differentiat\$5) near10 output near5 (read\$5 or reproduc\$5) and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 11:49
-	8	different\$8 near2 circuit same (amplifier or preamplifier or pre near amplifier) same (differentiat\$5) near10 output near10 (amplifier or pre near amplifier or preamplifier) and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 12:42
-	1072	different\$8 near2 circuit same (amplifier or preamplifier or pre near amplifier) same (differentiat\$5) near10 output near10 (amplifier or pre near amplifier or preamplifier) and ta 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 12:44
-	2	different\$8 near2 circuit same (amplifier or preamplifier or pre near amplifier) same (differentiat\$5) near10 output near10 (amplifier or pre near amplifier or preamplifier) and ta and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 19:22
-	0	different\$8 near2 circuit same (amplifier or preamplifier or pre near amplifier) same (differentiat\$5) near10 output near10 (amplifier or pre near amplifier or preamplifier) and (thermal\$5 near asperit\$5) and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 12:47
-	1	different\$8 near2 circuit same (amplifier or preamplifier or pre near amplifier) same (differentiat\$5) near10 output and (thermal\$5 near asperit\$5) and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 12:49
-	1	different\$8 near2 circuit same (amplifier or preamplifier or pre near amplifier) same (differentiat\$5) and (thermal\$5 near asperit\$5) and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 12:50
-	9	different\$8 near2 circuit same (amplifier or preamplifier or pre near amplifier) and (thermal\$5 near asperit\$5) and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 12:55
-	5	(perpendicular or vertical) near5 (record\$5 or writ\$5) same (thermal\$5 near asperity) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 14:31
-	39	(preamplifier or pre near amplifier) and (read\$5 or reproduc\$5) near5 amplif\$5 and (adjust\$5 near5 circuit) and (differentiat\$5 near5 circuit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 14:34
-	26	(preamplifier or pre near amplifier) and (read\$5 or reproduc\$5) near5 amplif\$5 and (adjust\$5 near5 circuit) and (differentiat\$5 near5 circuit) and (disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 14:37
-	8	(preamplifier or pre near amplifier) and (read\$5 or reproduc\$5) near5 amplif\$5 and (adjust\$5 near frequency) and (differentiat\$5 near5 circuit) and (disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 14:45
-	18	(preamplifier or pre near amplifier) and (read\$5 or reproduc\$5) near5 amplif\$5 and ((adjust\$5 or chang\$5) near frequency) and (differentiat\$5 near5 circuit) and (disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 14:46

-	9	(preamplifier or pre near amplifier) and (read\$5 or reproduc\$5) near5 amplif\$5 and ((adjust\$5 or chang\$5) near5 (cut near off or cutoff) near5 frequency) and (differentiat\$5 near5 circuit) and (disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 14: 53
-	4	(preamplifier or pre near amplifier) and ((adjust\$5 or chang\$5) near5 (cut near off or cutoff) near5 frequency) and (differentiat\$5 near5 circuit) and (disk or disc) and (perpendicular or vertical) near5 (record\$5 or writ\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 14: 55
-	5	(chang\$5 or adjust\$5) near10 (cut near off or cutoff) near5 frequenc\$3 and (read\$5 or reproduc\$5) near3 amplif\$5 and (perpendicular or vertical) near3 (record\$5 or writ\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 15: 12
-	135	(read\$5 or reproduc\$5) near10 (amplif\$5 or preamplif\$5 or pre near5 amplifier) and (asdjus\$5 or chang\$5) near5 (cut near off or cutoff) near5 frequency	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 15: 15
-	18	(read\$5 or reproduc\$5) near10 (amplif\$5 or preamplif\$5 or pre near5 amplifier) and (asdjus\$5 or chang\$5) near5 (cut near off or cutoff) near5 frequency and (differentiat\$5 near5 circuit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 15: 16
-	9	(read\$5 or reproduc\$5) near10 (amplif\$5 or preamplif\$5 or pre near5 amplifier) and (asdjus\$5 or chang\$5) near5 (cut near off or cutoff) near5 frequency and (differentiat\$5 near5 circuit) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 15: 19
-	10	(read\$5 or reproduc\$5) near10 (amplif\$5 or preamplif\$5 or pre near5 amplifier) and (asdjus\$5 or chang\$5) near5 (cut near off or cutoff) near5 frequency and (differentiat\$5 near5 circuit) and (disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 15: 34
-	12	(amplif\$5 or preamplif\$5 or pre near5 amplifier) and (asdjus\$5 or chang\$5) near5 (cut near off or cutoff) near5 frequency and (differentiat\$5 near5 circuit) and (disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/08 15: 52
-	16	(amplif\$5 or preamplif\$5 or pre near5 amplifier) and (adjust\$5 or chang\$5) near5 (cut near off or cutoff) near5 frequency and (differentiat\$5 near5 circuit) and (disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/09 14: 24
-	1754	(amplif\$5 or preamplif\$5 or pre near5 amplifier) and (differentiat\$5 near5 circuit) and (disk or disc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/09 14: 25
-	626	(amplif\$5 or preamplif\$5 or pre near5 amplifier) and (differentiat\$5 near5 circuit) and 360/\$46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/09 14: 25
-	79	(amplif\$5 or preamplif\$5 or pre near5 amplifier) and (differentiat\$5 near5 circuit) and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/09 14: 25
-	202	((pre near amplif\$5) (pre-amplif\$5) amplif\$5 preamplif\$5) and (differentiat\$5 near10 circuit) and channel and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 13: 23
-	169	((pre near amplif\$5) (pre-amplif\$5) amplif\$5 preamplif\$5) and (differentiat\$5 near5 circuit) and channel and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 13: 23
-	81	((pre near amplif\$5) (pre-amplif\$5) amplif\$5 preamplif\$5) same (differentiat\$5 near5 circuit) and channel and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 18: 29

-	17	((pre near amplif\$5) (pre-amplif\$5) amplif\$5 preamplif\$5) same (differentiat\$5 near5 circuit) and channel and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 13: 30
-	32	((pre near amplif\$5) (pre-amplif\$5) amplif\$5 preamplif\$5) same (differentiat\$5 near5 circuit) and channel and (perpendicular\$3 vertical\$4) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 13: 53
-	87	((pre near amplif\$5) (pre-amplif\$5) amplif\$5 preamplif\$5) same (differentiat\$5 near5 circuit) and (adjust\$5 chang\$5 alter\$5) near10 frequenc\$5 and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 13: 53
-	37	((pre near amplif\$5) (pre-amplif\$5) amplif\$5 preamplif\$5) same (differentiat\$5 near5 circuit) and (adjust\$5 chang\$5 alter\$5) near10 frequenc\$5 and (perpendicular\$5 vertical\$5) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 20: 29
-	50	((pre near amplif\$5) (pre-amplif\$5) amplif\$5 preamplif\$5) same (differentiat\$5 near5 circuit) and (adjust\$5 chang\$5 alter\$5) near10 frequenc\$5 and 360/\$.ccls. not (perpendicular\$5 vertical\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 14: 08
-	7	((pre near amplif\$5) (pre-amplif\$5) amplif\$5 preamplif\$5) same (differentiat\$5 near5 circuit) same (adjust\$5 chang\$5 alter\$5) near10 frequenc\$5 and 360/\$.ccls. not (perpendicular\$5 vertical\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 14: 08
-	85	longitudinal near5 (reproduc\$5 read\$5) same (perpendicular\$3 vertical\$5) near5 (record\$5 writ\$5) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 18: 13
-	40	longitudinal near3 (reproduc\$5 read\$5) same (perpendicular\$3 vertical\$5) near3 (record\$5 writ\$5) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 18: 19
-	45	(horizontal\$3 longitudinal) near3 (reproduc\$5 read\$5) near5 (perpendicular\$3 vertical\$5) near3 (record\$5 writ\$5) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 18: 29
-	7	(horizontal\$3 longitudinal) near3 (reproduc\$5 read\$5) near5 (perpendicular\$3 vertical\$5) near3 (recorded written) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 18: 28
-	897	((pre near amplif\$5) (pre-amplif\$5) amplif\$5 preamplif\$5) same (adjust\$5 chang\$5 modif\$5) near5 gain and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 18: 30
-	714	((pre near amplif\$5) (pre-amplif\$5) amplif\$5 preamplif\$5) near10 (adjust\$5 chang\$5 modif\$5) near5 gain and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 18: 30
-	114	((pre near amplif\$5) (pre-amplif\$5) amplif\$5 preamplif\$5) near10 (adjust\$5 chang\$5 modif\$5) near5 gain and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 18: 31
-	11	((pre near amplif\$5) (pre-amplif\$5) preamplif\$5) near10 (adjust\$5 chang\$5 modif\$5) near5 gain and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 18: 31
-	1	((pre near amplif\$5) (pre-amplif\$5) preamplif\$5) near10 (adjust\$5 chang\$5 modif\$5) near5 circuit near5 gain and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 18: 32

-	28	(select\$5 switch\$5 chang\$5) same differentiat\$8 same channel and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/17 20:08
-	3	(controll\$5) same (switch\$5 select\$5) same (differetiating differentiation) same ((thermal near asperity) thermal\$4 temperature\$5) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 20:12
-	1	(controll\$5) same (disabl\$5 off) same (differetiating differentiation) same ((thermal near asperity) thermal\$4 temperature\$5) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 20:14
-	1	(controll\$5) same (select\$5 switch\$5) and (select\$5 switch\$5) same (disabl\$5 off) same (differetiating differentiation) same ((thermal near asperity) thermal\$4 temperature\$5) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 20:15
-	1	(select\$5 switch\$5) same (disabl\$5 off) same (differetiating differentiation) same ((thermal near asperity) thermal\$4 temperature\$5) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 20:18
-	1	(select\$5 switch\$5 choos\$5) same (disabl\$5 off) same (differetiating differentiation) same ((thermal near asperity) thermal\$4 temperature\$5) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 20:29
-	58	((pre near amplif\$5) (pre-amplif\$5) amplif\$5 preamplif\$5) same (select\$5 switch\$5) near5 circuit same (differentiat\$5 near5 circuit) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 21:01
-	157	amplif\$5 near5 ((direct near current) dc) same (bias\$5 current) same (chang\$5 adjust\$5 switch\$5) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 21:09
-	10	amplif\$5 near5 ((direct near current) dc) same (bias\$5 current) same (chang\$5 adjust\$5 switch\$5) and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 21:12
-	157	amplif\$5 near5 ((direct near current) dc) same (bias\$5 current) same (chang\$5 adjust\$5 switch\$5) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 21:14
-	58	amplif\$5 near5 ((direct near current) dc) near5 circuit near10 (bias\$5 current) and 360/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 21:16
-	9	amplif\$5 near5 ((direct near current) dc) near5 circuit near10 (bias\$5 current) and 360/46.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/18 21:16